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(54) Title of Invention STEAM COOKING APPARATUS

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(57) Claim

A steam cooling apparatus for cooking a food stored in a cooking case by steam, characterized in that the apparatus includes a box-shaped heating chamber disposed on an inside of an outer case and a pair of partition plates disposed in the heating chamber so as to be opposed to side surface plates of the heating chamber, and the apparatus has the cooking case

disposed between the pair of partition plates, and a steam tube disposed on the lower side of the cooking case, and an opening portion for inserting the cooling case into the heating chamber is formed in the heating chamber, and an exhaust tube is disposed on the pair of side surface plates, and steam flowing out from a hole of the steam tube is guided from the lower side of the cooking case to the upper side through the cooking case, to form a steam circulation path for guiding steam to the lower side through an area between the partition plate and the side surface plate, and a part of the steam is guided to an outside of the outer case through the exhaust tube.

#### Brief Description of the Drawings

Fig.1 is a cross-section view showing one embodiment of a steam cooling apparatus in the present invention, Fig.1 is a side cross-section view of Fig.1, Fig.3 is a perspective view of the steam cooking apparatus, Fig.4 is a perspective view including a boiler main body and a temperature control board used in the steam cooking apparatus, and Fig.5 is a cross-section view showing a conventional steam cooker.

10 ... outer case, 11 ... heating chamber, 17 ... heat insulator, 20 ... cooking case, 22 ... mounting member, 33 ... partition plate, 35 ... steam tube, 36 ... heat-retention heater, 39 ... exhaust tube.

## ⑫ 公開実用新案公報 (U)

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審査請求 未請求 (全3頁)

## ⑮ 考案の名称 蒸気調理装置

⑯ 実 願 昭61-175150

⑰ 出 願 昭61(1986)11月14日

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## ⑳ 実用新案登録請求の範囲

調理ケース内に収納した食品を蒸気により加熱調理する蒸気調理装置において、外ケースの内部に設けた箱形状の加熱室と該加熱室の側面板に対向して上記加熱室内に設けた対の仕切板とを含み、該対の仕切板の間に設けた上記調理ケースと該調理ケースの下方に設けたスチーム管とを有し、上記調理ケースを上記加熱室に挿入する開口部を上記加熱室に形成し、上記対の側面板には排気管を設けてをり、上記スチーム管の孔から流出する蒸気を上記調理ケースの下方から該調理ケースを通して上方にまで導き、上記仕切板と上記側面板との間を通して下方に蒸気を導く蒸気の循環

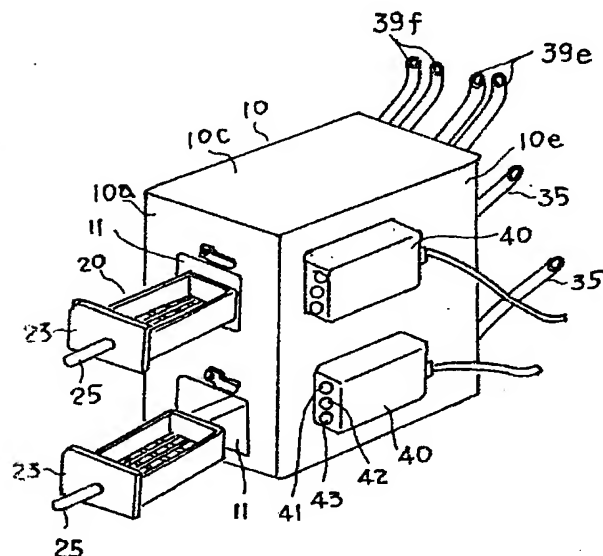
経路を形成し、該蒸気の一部を、排気管を通して外ケーの外部に導くことを特徴とする蒸気加熱調理器。

## 図面の簡単な説明

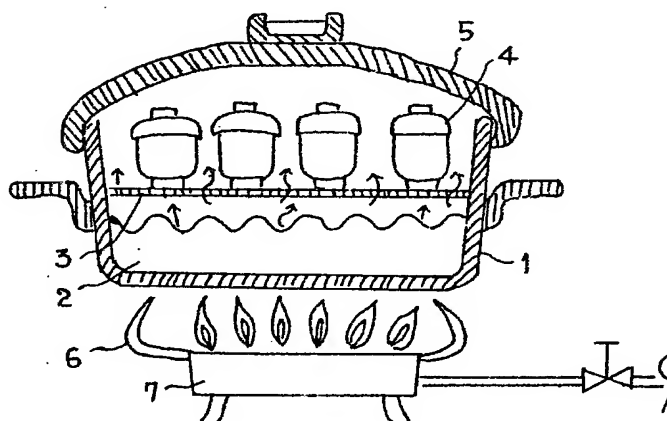
第1図は、本考案の蒸気調理装置の一実施例を示す断面図、第2図は第1図の側断面図、第3図は、蒸気調理装置の斜視図、第4図は蒸気調理装置に用いるボイラ本体及び温度制御盤を含む斜視図、第5図は従来の蒸し器を示す断面図である。

10…外ケース、11…加熱室、17…断熱材、20…調理ケース、22…載置部材、33…仕切板、35…スチーム管、36…保温ヒータ、39…排気管。

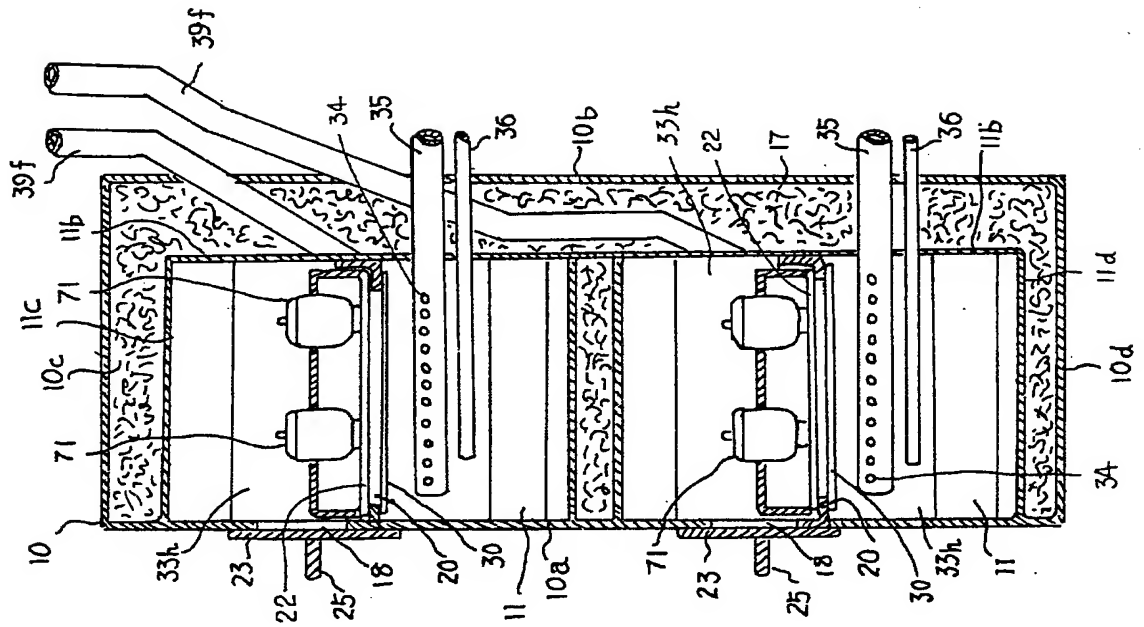
第3図



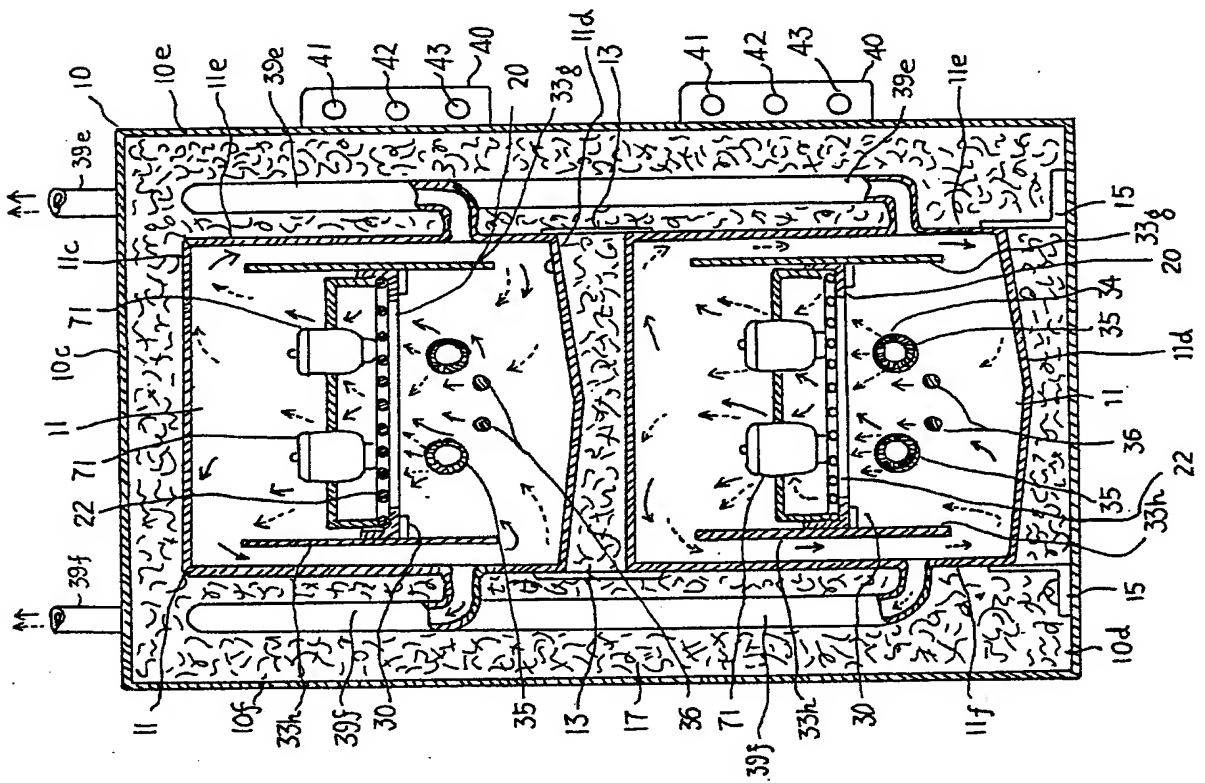
第5図



第2図



第1図



第 4 図

